



FIG. 2.—Details of Big Cottonwood Canyon, Jordan River, Utah.

TABLE 2.—Actual discharge measured at City Weir on Big Cottonwood Creek compared with discharge estimated from the snow survey May-September.

Year.	Discharge.		Weir Snow sur- vey.
	Weir meas- urement.	Snow sur- vey esti- mates.	
	<i>Acrc-feet.</i>	<i>Acrc-feet.</i>	<i>Per cent.</i>
1912.....	52,458	55,561	94
1913.....	36,068	31,705	114
1914.....	48,500	39,674	122
1915.....	29,380	24,663	119
1916.....		42,682	

MEAN LAKE LEVELS DURING JUNE, 1916.

By UNITED STATES LAKE SURVEY.

[Dated: Detroit, Mich., July 5, 1916.]

The following data are reported in the "Notice to Mariners" of the above date:

Data.	Lakes.			
	Superior.	Michigan and Huron.	Erie.	Ontario.
Mean level during June, 1916:	<i>Feet.</i>	<i>Feet.</i>	<i>Feet.</i>	<i>Feet.</i>
Above mean sea level at New York.....	603.48	580.94	573.26	247.86
Above or below—				
Mean stage of May, 1916.....	+0.48	+0.45	+0.39	+0.73
Mean stage of June, 1915.....	+1.56	+1.15	+1.41	+2.74
Average stage for June, last 10 years..	+1.28	+0.12	+0.41	+0.96
Highest recorded June stage.....	+0.65	-2.69	-1.26	-0.77
Lowest recorded June stage.....	+2.24	+1.04	+1.69	+2.97
Average relation of the June level to:				
May level.....	+0.3	+0.2	+0.1	+0.1
July level.....	-0.2	±0.0	+0.1	+0.1